FIG. 1

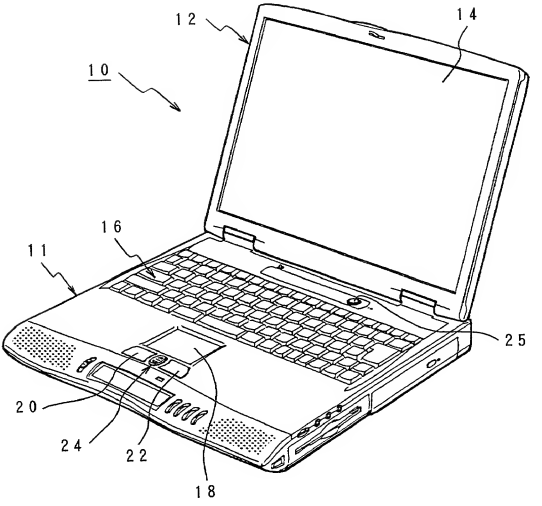


FIG. 2

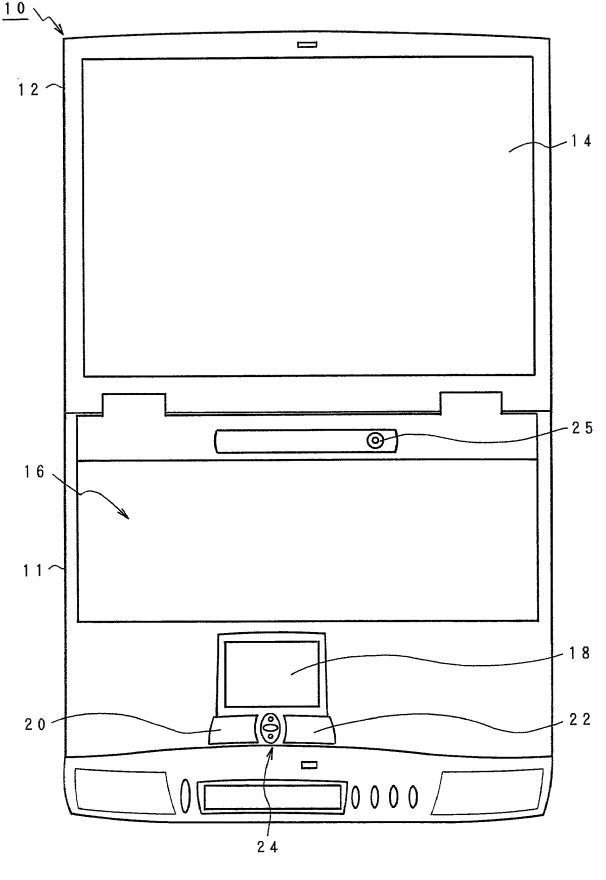


FIG. 3

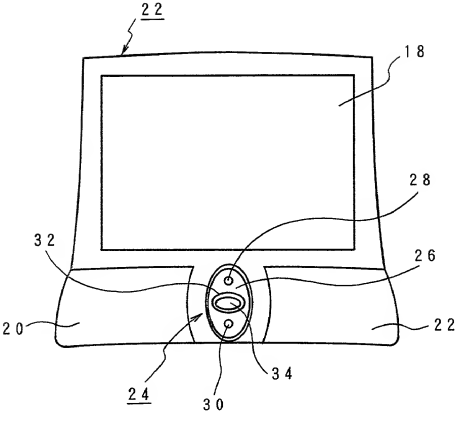


FIG. 4

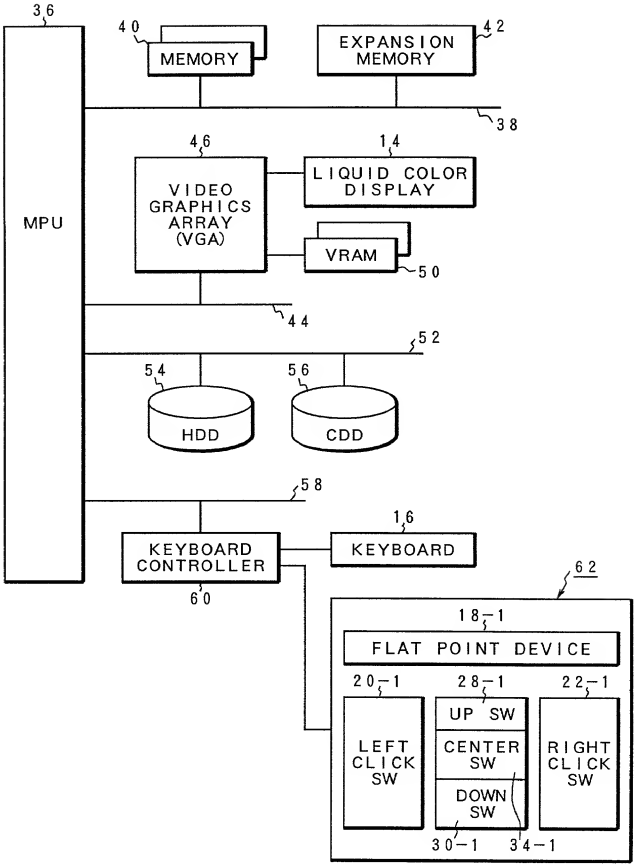

36
MPU
40
MEMORY
EXPANSION MEMORY
42
38
46
VIDEO GRAPHICS ARRAY (VGA)
14
LIQUID COLOR DISPLAY
VRAM
50
44
52
54
HDD
56
CDD
58
60
KEYBOARD CONTROLLER
16
KEYBOARD
62
18-1
FLAT POINT DEVICE
20-1
LEFT CLICK SW
28-1
UP SW
CENTER SW
DOWN SW
22-1
RIGHT CLICK SW
30-1
34-1

FIG. 5

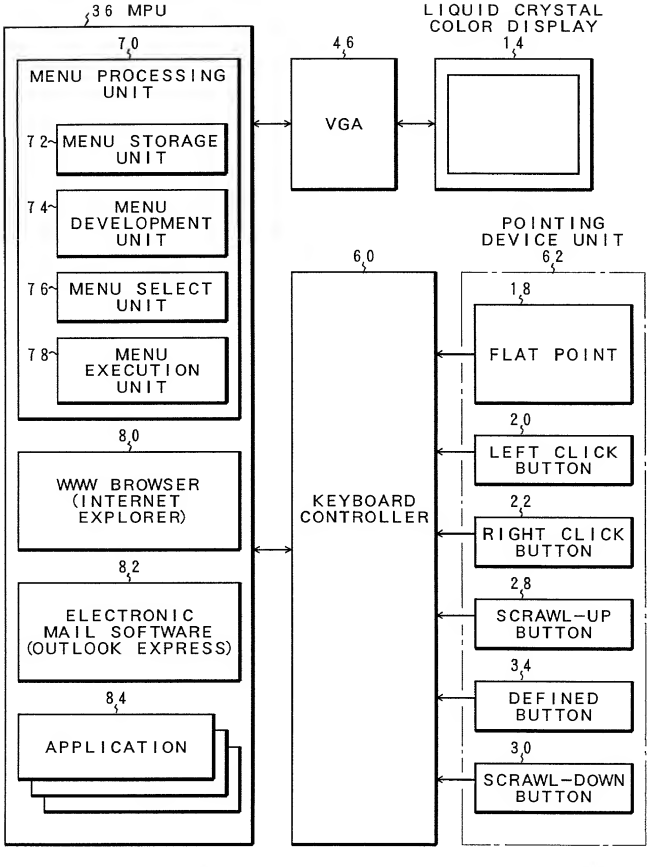

36 MPU
70
MENU PROCESSING UNIT
72 MENU STORAGE UNIT
74 MENU DEVELOPMENT UNIT
76 MENU SELECT UNIT
78 MENU EXECUTION UNIT
80
WWW BROWSER (INTERNET EXPLORER)
82
ELECTRONIC MAIL SOFTWARE (OUTLOOK EXPRESS)
84
APPLICATION
46
VGA
LIQUID CRYSTAL COLOR DISPLAY
14
60
KEYBOARD CONTROLLER
POINTING DEVICE UNIT
62
18
FLAT POINT
20
LEFT CLICK BUTTON
22
RIGHT CLICK BUTTON
28
SCRAWL-UP BUTTON
34
DEFINED BUTTON
30
SCRAWL-DOWN BUTTON

FIG. 6

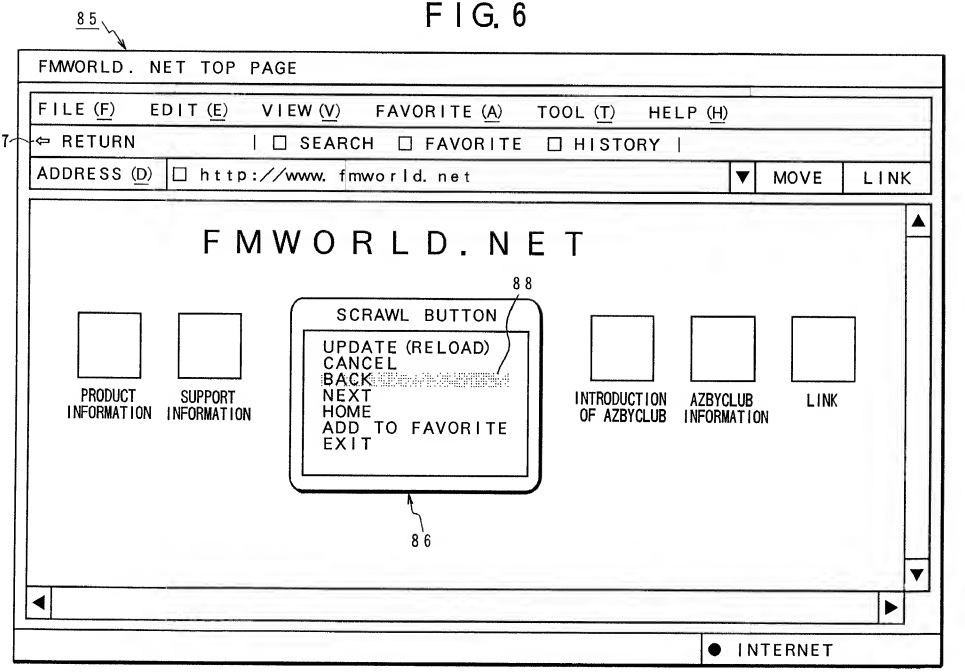
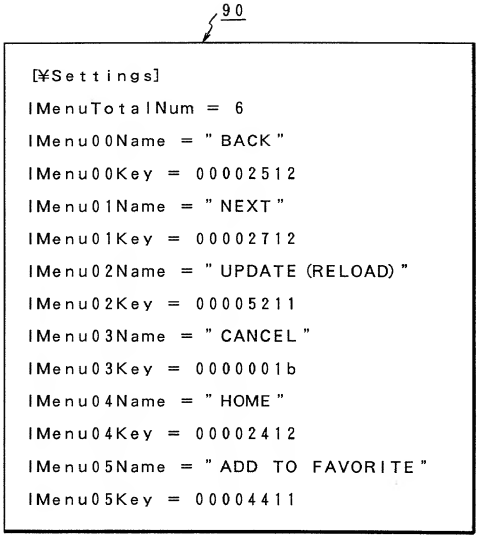

85
FMWORLD. NET TOP PAGE
FILE (F) EDIT (E) VIEW (V) FAVORITE (A) TOOL (T) HELP (H)
87
RETURN
SEARCH
FAVORITE
HISTORY
ADDRESS (D)
http://www. fmworld. net
MOVE
LINK
FMWORLD.NET
88
SCRAWL BUTTON
UPDATE (RELOAD)
CANCEL
BACK
NEXT
HOME
ADD TO FAVORITE
EXIT
PRODUCT INFORMATION
SUPPORT INFORMATION
INTRODUCTION OF AZBYCLUB
AZBYCLUB INFORMATION
LINK
86
INTERNET

FIG. 7


90
[¥Settings]
IMenuTotalNum = 6
IMenu00Name = "BACK"
IMenu00Key = 00002512
IMenu01Name = "NEXT"
IMenu01Key = 00002712
IMenu02Name = "UPDATE (RELOAD)"
IMenu02Key = 00005211
IMenu03Name = "CANCEL"
IMenu03Key = 0000001b
IMenu04Name = "HOME"
IMenu04Key = 00002412
IMenu05Name = "ADD TO FAVORITE"
IMenu05Key = 00004411

PCT/JP2003/000000

FIG. 8

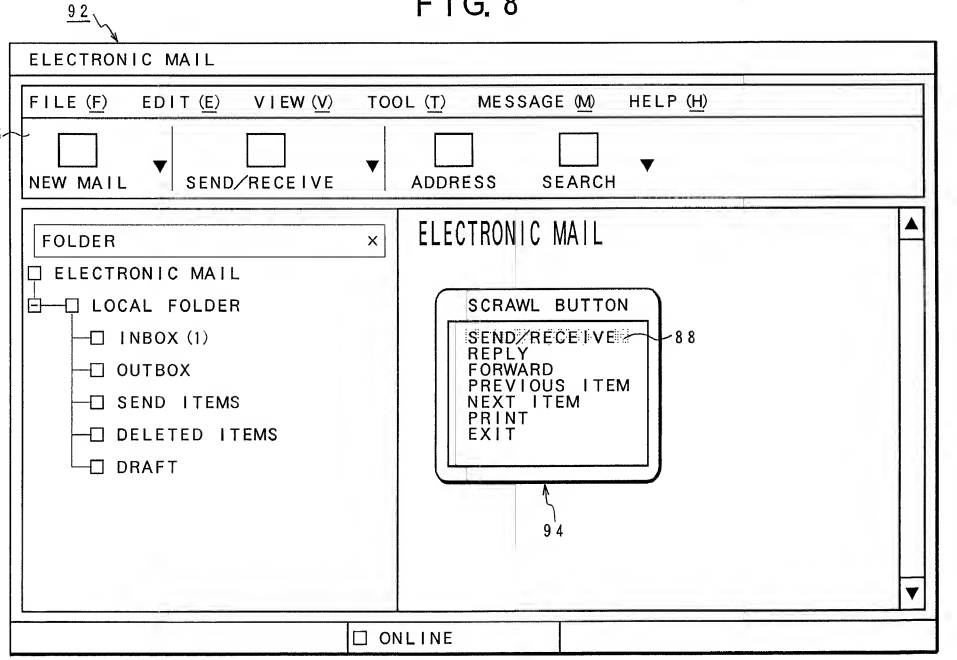


FIG. 9

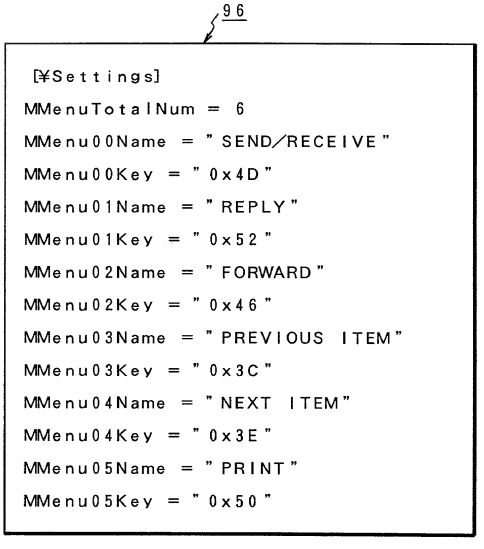

96
[¥Settings]
MMenuTotalNum = 6
MMenu00Name = "SEND/RECEIVE"
MMenu00Key = "0x4D"
MMenu01Name = "REPLY"
MMenu01Key = "0x52"
MMenu02Name = "FORWARD"
MMenu02Key = "0x46"
MMenu03Name = "PREVIOUS ITEM"
MMenu03Key = "0x3C"
MMenu04Name = "NEXT ITEM"
MMenu04Key = "0x3E"
MMenu05Name = "PRINT"
MMenu05Key = "0x50"

FIG. 10

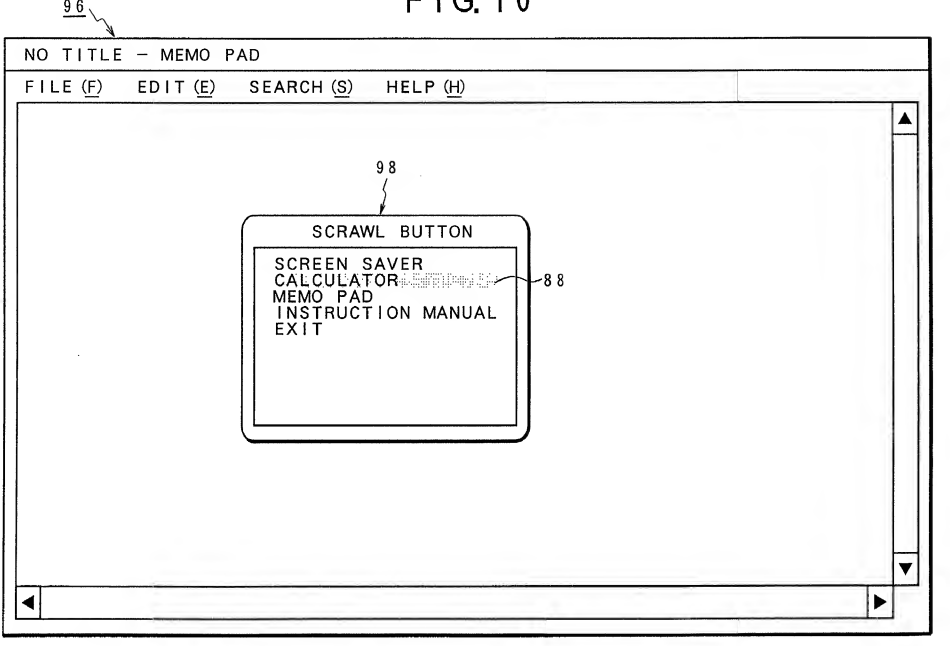

96
NO TITLE – MEMO PAD
FILE (F)
EDIT (E)
SEARCH (S)
HELP (H)
98
SCRAWL BUTTON
SCREEN SAVER
CALCULATOR
MEMO PAD
INSTRUCTION MANUAL
EXIT
88

FIG. 11

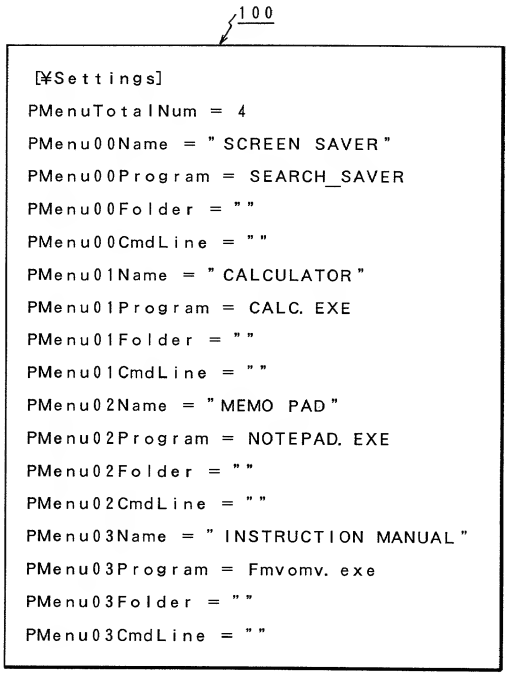

100
[¥Settings]
PMenuTotalNum = 4
PMenu00Name = "SCREEN SAVER"
PMenu00Program = SEARCH_SAVER
PMenu00Folder = ""
PMenu00CmdLine = ""
PMenu01Name = "CALCULATOR"
PMenu01Program = CALC. EXE
PMenu01Folder = ""
PMenu01CmdLine = ""
PMenu02Name = "MEMO PAD"
PMenu02Program = NOTEPAD. EXE
PMenu02Folder = ""
PMenu02CmdLine = ""
PMenu03Name = "INSTRUCTION MANUAL"
PMenu03Program = Fmvomv. exe
PMenu03Folder = ""
PMenu03CmdLine = ""

FIG. 12

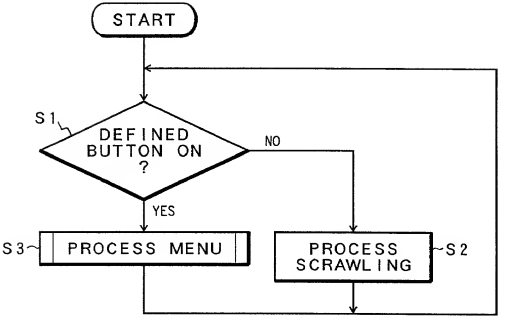

START
S1
DEFINED BUTTON ON ?
NO
YES
S3
PROCESS MENU
PROCESS SCRAWLING
S2

FIG. 13

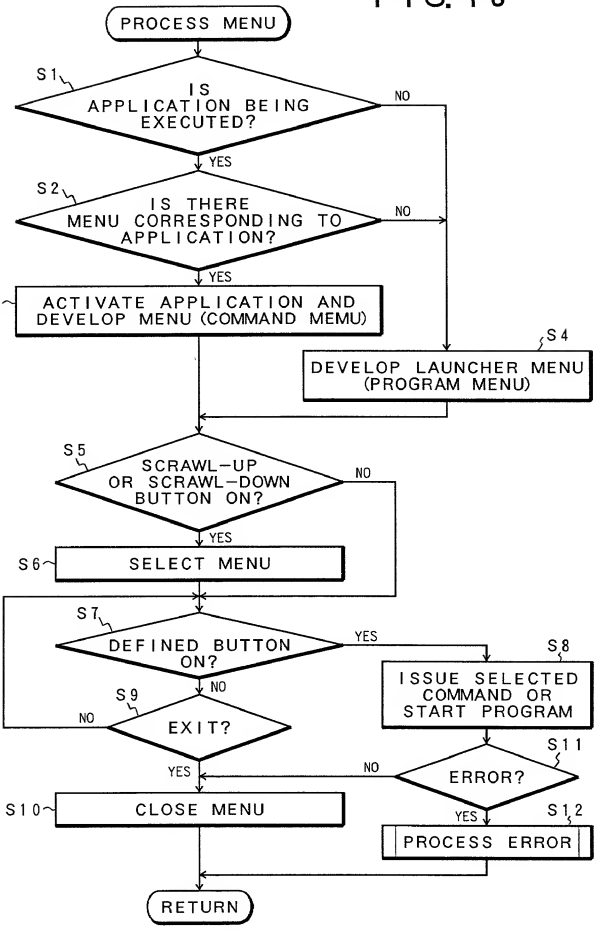
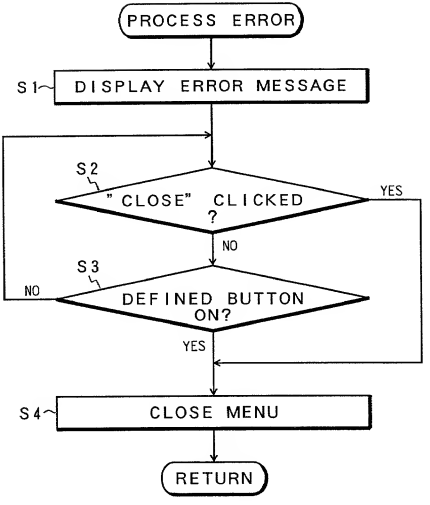

PROCESS MENU
S1
IS APPLICATION BEING EXECUTED?
NO
YES
S2
IS THERE MENU CORRESPONDING TO APPLICATION?
NO
YES
S3
ACTIVATE APPLICATION AND DEVELOP MENU (COMMAND MEMU)
S4
DEVELOP LAUNCHER MENU (PROGRAM MENU)
S5
SCRAWL-UP OR SCRAWL-DOWN BUTTON ON?
NO
YES
S6
SELECT MENU
S7
DEFINED BUTTON ON?
YES
S8
ISSUE SELECTED COMMAND OR START PROGRAM
NO
S9
NO
EXIT?
YES
S11
NO
ERROR?
S10
CLOSE MENU
YES
S12
PROCESS ERROR
RETURN

FIG. 14


PROCESS ERROR
S1
DISPLAY ERROR MESSAGE
S2
"CLOSE" CLICKED ?
YES
NO
S3
DEFINED BUTTON ON?
NO
YES
S4
CLOSE MENU
RETURN